What is claimed is:

1. A screen comprising

a plurality of rods, each of the rods having side walls, at least one of the side walls defining at least one protrusion; and

at least one rod-bearing supporting element having at least one recess having a shape which is complementary to the protrusion of the rod;

wherein each protrusion of the rod is received within a recess of the supporting element.

2. The screen according to Claim 1, wherein each protrusion has a circular or elliptic shape.

3. The screen according to Claim 1, wherein each of the rods has an imbedded end and at least one of the rods has a plurality of protrusions, the protrusions being positioned at a distance h_1 from the imbedded end of the rod, wherein 0.1 mm $< h_1 <$ 6 mm.

4. The screen according to Claim 1, wherein the supporting element has at least one side wall and at least one of the rods has three or more protrusions received within recesses in one side wall of the supporting element.

5. The screen according to Claim 1, wherein each of the rods has oppositely disposed first and second sidewalls, each having at least one protrusion, the first sidewall having a different number of protrusions than the second side wall.

6. The screen according to Claim 1, wherein the supporting elements each have a T-shape.

7. The screen according to Claim 1, wherein each of the rods has a total height H and an imbedded portion protruding into the supporting element having a height h, where the ratio of h to H is greater then 0.5.

8. The screen according to Claim 1, wherein each of the rods has an imbedded portion pressed together with the supporting element.

9. Process for manufacture of a screen according to Claim 1 comprising the steps of:

bending open the supporting elements elastically;

inserting a portion of each rod into one of the open supporting elements; and

allowing the supporting elements to spring back, wherein the supporting elements encircle the portion of each rod and form a screen mat.

10. Process according to Claim 9, comprising the additional step of rolling the screen mat to form a cylinder.

11. The screen according to Claim 2, wherein the protrusions have a radius r of 0.1 mm $\leq$ r $<$ 2 mm.

12. The screen according to Claim 1, wherein the supporting elements each have an I-shape.